



LOCAL NOTICE TO MARINERS

U.S. Department of Transportation

United States Coast Guard



WEEKLY EDITION

January 21, 2003

Issued by:

Commander, Seventh Coast Guard District
909 SE 1st Avenue, Miami, Florida 33131-3050
Telephone (305) 415-6730
Fax (305) 415-6757
Office hours 7:30 a.m. - 4:00 p.m., M-F

For questions, comments and suggestions,
call Mrs. Jan Austin at (305) 415-6752 or
Email: jaustin@d7.uscg.mil

The Local Notice to Mariners is available online at:
<http://www.navcen.uscg.gov/lnm/d7>

BROADCAST NOTICE TO MARINERS

Navigation information having been of immediate concern to the Mariner, and promulgated by the following broadcasts, has been incorporated in this notice when still effective:

- CCGD7 (D7) BNM 079-03 to 119-03
- GROUP CHARLESTON (CHA) BNM 014-03 to 021-03
- GROUP MAYPORT (MAY) BNM 028-03 to 035-03
- GROUP MIAMI (MIA) BNM 024-03 to 033-03
- GROUP KEY WEST (KEY) BNM 007-03 to 009-03
- GROUP ST. PETERSBURG (STP) BNM 083-03 to 110-03
- SAN JUAN GANTSEC (GAN) BNM 026-03 to 044-03

NOTES:

- (1) Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity, mariners should proceed with caution.
- (2) The Local Notice to Mariners consists of a Monthly Edition and Weekly Supplemental. The Monthly Edition should be maintained as a reference. Recurring information is published only once a month.
- (3) To change your mailing address, start or discontinue receiving this publication, please call (305) 415-6730 or send an email to Mr. Bernie Dukes at: bdukes@d7.uscg.mil

REFERENCES:

Light List, Vol. III, Atlantic and Gulf Coasts, 2002 Edition (COMDTPUB P16502.3).
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West, 2002 (34th Edition).
U.S. Coast Pilot 5, Atlantic Coast: Gulf of Mexico, Puerto Rico and Virgin Islands 2003 (30th Edition).

The United States Coast Guard Navigation Information Service (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/gps/status/default.htm>). In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, Email: webmaster@smtp.navcen.uscg.mil, or on the World Wide Web at: <http://www.navcen.uscg.gov>

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT**ABBREVIATION DEFINITIONS**

ACOE -Army Corps of Engineers
AICW -Atlantic Intracoastal Waterway
BKW -Breakwater

ADRIFT -Buoy Adrift
B -Buoy
B -Refer to Light List (Pg. xiv)

BNM -	Broadcast Notice to Mariner	CG -	Refer to Light List (Pg. xv)
CHA -	Charleston, SC	CHAN -	Channel
CGD07 -	Coast Guard District Seven	CR -	Refer to Light List (Pg. xv)
C/O -	Cut Off	CONT -	Contour
CONSTR -	Construction	CRK -	Creek
CONST -	Construction	DBN -	Daybeacon
DBD/DAYBD -	Dayboard	DBN/DEST -	Daybeacon Destroyed
DBN IMCH -	Daybeacon Improper Characteristic	DISCON -	Discontinued
DMGD -	Daybeacon Damaged	EST -	Established Aid
EVAL -	Evaluation	EXT -	Extinguished
FL -	Flashing	F/S -	Fog Signal
GAN -	San Juan, PR	GICW -	Gulf Intracoastal Waterway
HAZ -	Hazard to Navigation	HBR -	Harbor
HOR -	Horizontal Clearance	HT -	Height
IMPCHA -	Improper Characteristics	INL -	Inlet
INOP -	Not Operating	ISL -	Islet
KBG -	Refer to Light List (Pg. xv)	KBG-I -	Refer to Light List (Pg. xv)
KBR -	Refer to Light List (Pg. xv)	KBR-I -	Refer to Light List (Pg. xv)
KBW -	Refer to Light List (Pg. xv)	KEY -	Key West, FL
KGB -	Refer to Light List (Pg. xv)	KGB-I -	Refer to Light List (Pg. xv)
KGR -	Refer to Light List (Pg. xv)	KGR-I -	Refer to Light List (Pg. xv)
KGW -	Refer to Light List (Pg. xv)	KGW-I -	Refer to Light List (Pg. xvi)
KRB -	Refer to Light List (Pg. xvi)	KRB-I -	Refer to Light List (Pg. xvi)
KRG -	Refer to Light List (Pg. xvi)	KRG-I -	Refer to Light List (Pg. xvi)
KRW -	Refer to Light List (Pg. xvi)	KWB -	Refer to Light List (Pg. xvi)
KWB-I -	Refer to Light List (Pg. xvi)	KWG -	Refer to Light List (Pg. xvi)
KWG-I -	Refer to Light List (Pg. xvi)	KWR -	Refer to Light List (Pg. xvi)
KWR-I -	Refer to Light List (Pg. xvi)	LAT -	Latitude
LB -	Lighted Buoy	LBB -	Lighted Bell Buoy
LGB -	Lighted Gong Buoy	LONG -	Longitude
LMN -	Local Notice to Mariners	LT -	Light
LT CONT -	Light Continuous	LWB -	Lighted Whistle Buoy
MAY -	Mayport, FL	MIA -	Miami, FL
MISS -	Missing	MR -	Refer to Light List (Pg. xvi)
MR-I -	Refer to Light List (Pg. xvi)	N/A -	Not Available
NB -	Refer to Light List (Pg. xvi)	N/C -	Not Charted
ND -	Refer to Light List (Pg. xvi)	NG -	Refer to Light List (Pg. xvi)
NIMA -	National Imagery and Mapping Agency	NL -	Refer to Light List (Pg. xvi)
NO -	Number	NOS -	National Ocean Service
NR -	Refer to Light List (Pg. xvi)	NW -	Refer to Light List (Pg. xvi)
NW -	Notice Writer	NY -	Refer to Light List (Pg. xvi)
OBSCU -	Obscured	OBST -	Obstruction
OBSTR -	Obstruction	PRIV -	Private Aid
RBN -	Radio Beacon	REBUILT -	Aid Rebuilt
RECOVERED -	Aid Recovered	RED -	Red Buoy
REDINT -	Reduced Intensity	RRL -	Range Rear Light
RELIGHTED -	Aid Relighted	RELOC -	Relocated
RESET ON STATION -	Aid Reset on Station	RFL -	Range Front Light
RIV -	River	SEC -	Section
SG -	Green Square on pile	SG-SY -	Green Square with Yellow Square on pile
SHL -	Shoaling	SND -	Sound
STP -	St. Petersburg, FL	TEMP -	Temporary Aid Change
STM -	Statue Mile	TR -	Red Triangle on pile
TRLB -	Temporarily Replaced by Lighted Buoy	TRLT -	Temporarily Replaced by Light
TR-TY -	Red Triangle with Yellow Triangle on pile	TRUB -	Temporarily Replaced by Unlighted Buoy

I. SPECIAL NOTICES

SAFETY ADVISORY - MARINE TELEVISION ANTENNAE INTERFERENCE WITH GPS

This safety advisory applies to the Coast Guard cutter fleet and boat forces community and is provided for informational purposes only. It has come to the attention of the Coast Guard and Federal Communications Commission (FCC) that certain consumer electronics-grade active VHF/UHF marine television antennas are causing operational degradation in the performance of global positioning system (GPS) receivers. This interference may be realized as a display of inaccurate position information or a complete loss of GPS receiver acquisition and tracking ability.

The interference is not limited to the GPS equipment onboard the vessel with the installed active marine television antennae. There have been reports of interference occurring on other vessels and installations operating up to 2000 feet away from vessels using such antennas. In one particular case, the interference caused the position of the vessel as displayed on the electronic chart to move erratically and dramatically often across large expanses of land. As can be expected, various data displays indicated erroneous information such as excessive speeds. In these instances the problem would occasionally correct itself while at other times required resetting the system. To the vessel's crew these

annoyances were frustrating and caused concerns that perhaps less obvious inaccuracies were occurring. Ultimately this affected their confidence in the performance of the GPS and electronic chart display and information system.

The FCC identified the following models of marine television antennas as having potential problems during the investigation of GPS interference:
A. TDP (Tandy Distribution Products) Electronics - Mini State Electronic amplified UHF/VHF TV ANTENNA - MODELS 5MS740, 5MS750, AND 5MS921.

B. Radio Shack Corporation - Long Range Amplified Omni Directional TV Antenna - Model 15-1624.

C. Shakespeare Corporation - Seawatch - Models 2040/Code Date 02A00, 2050/Code Date 03A00 (Code dates are found on the antenna power supply).

The GPS interference problem may not be limited to the marine television models listed above.

4. If mariners experience outages or degradation of their GPS receiver operation, they should perform an on-off test of their marine television antennae. If turning off the power to the marine television antenna results in improvement in the GPS receiver performance, the marine television antenna may be the source of interference in the GPS band. In that case, the mariner should contact the manufacturer of the marine television antenna and identify the symptoms. If turning off the marine television antennae does not improve the GPS receiver performance or if mariners identify another marine television antenna (not listed above) with a GPS interference problem, mariners have been requested to contact the 24-hour Coast Guard Navigation Information Service At 703-313-5900 Or Email to NISWS@NAVCEN.USCG.MIL.

5. Questions or comments related to this information may be addressed to Mr. William Cairns (G-SCT-2) at 202-267-6599 / Email to WCAIRNS@COMDT.USCG.MIL or LCDR Kathryn L. Oakley (G-WKS-4) at 202-267-2965 / Email to KOAKLEY@COMDT.USCG.MIL.

GPS JAMMING EXERCISES

GPS Jamming Exercises will be conducted from January 13, 2003 to February 5, 2003 from 1100Q to 2300Q daily. Operating area: Select open ocean points A-C in the Puerto Rican operating area within 2 nautical miles of Alpha, 181200N/0751300W, AZIMUTH 180 degrees true to 225 degrees true, 100 watts ERP. within 5 nautical miles of Bravo, 183700N/0652000W, AZIMUTH 160 degrees true to 200 degrees true, 1 kilowatts ERP within 2 nautical miles of Charlie, 174500N/00661700W, AZIMUTH 105 degrees true to 170 degrees true, 100 watts ERP. For further information, contact Mr. Jimenez, Southcom at (305) 437-1661.

Ref: LNM 02/03

DGPS CHARLESTON, SC OFF AIR TIMES

Charleston, South Carolina DGPS will be off air from February 5, 2003, from 10:00 a.m. to 12:00 p.m. Alternate dates and times will be February 6, 2003, from 10:00 a.m. to 12:00 p.m. Users shall address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

Ref: LNM 02/03

DGPS MACON (822) GEORGIA UNAVAILABILITY

Macon, Georgia DGPS has been briefly unavailable each day since January 14, 2003 due to recurring high Horizontal Dilution of Precision (HDOP). The site has recently experienced brief outages of six minutes daily beginning at 0954Z due to constellation orbits. Users should expect the potential outage to occur four minutes earlier each day. Alternate DGPS coverage is available from the Millers Ferry and Savannah DGPS sites. Users may address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

DGPS MACON (822) GEORGIA OFF AIR TIMES

Macon, Georgia DGPS will be off air from February 8, 2003, from 9:00 a.m. to 11:00 a.m. Alternate dates and times will be February 9, 2003, from 9:00 a.m. to 11:00 a.m. Users shall address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

Ref: LNM 01 and 02/03

DGPS SAVANNAH (818) GEORGIA OFF AIR TIMES

Savannah, Georgia DGPS will be off air from February 12, 2003, from 9:00 a.m. to 11:00 a.m. Alternate dates and times will be February 13, 2003, from 9:00 a.m. to 11:00 a.m. Users shall address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

Ref: LNM 01 and 02/03

PUERTO RICO – ISABELLA DGPS BROADCAST SITE

Puerto Rico – Isabella DGPS will be off air from January 29, 2003, from 1400z – 1600z to perform scheduled maintenance and groom. Alternate date/time is January 30, 2003 from 1400z – 1600z.

DATES OF LATEST EDITIONS, NAUTICAL CHARTS AND MISCELLANEOUS MAPS

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated January 1, 2003, published by the National Ocean Service, is available for issue. It may be obtained free by mail from the National Aeronautical Charting Office, AVN-530, Federal Aviation Administration, 6303 Ivy Lane, Suite 400, Greenbelt MD, 20770-1479, by telephone at 1-800-638-8972 or from your local authorized nautical chart sales agent.

This is a quarterly publication listing the most recent editions of nautical charts, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and up-to-date prices for most of the publications listed.

Ref: LNM 01 and 02/03

SAFE BOATING AND SEAMANSHIP PROGRAMS

For addition information on CG Auxiliary Public Education Boating Programs, contact 1-800-336-2628 or <http://www.cgaux7.org/>.

HOST	DATES	TIME	LOCATION
U. S. Coast Guard Auxiliary Flotilla 42 (321) 773-7599	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays & Thursdays) 6 Weeks, 12 Lessons	Palm Bay Community Ctr 1502 Port Malabar Blvd Palm Bay, FL
U. S. Coast Guard Auxiliary Flotilla 78 (727) 360-7496	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Thursdays) 13 Weeks	St Petersburg Bch Rec Ctr 7701 Boca Ciega Drive St Petersburg, FL
U. S. Coast Guard Auxiliary Flotilla 79 (813) 855-6997	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Wednesdays) 13 Weeks	5108 Gandy Blvd Salty Sol Boat Ramp Tampa, FL
U. S. Coast Guard Auxiliary Flotilla 7-16	Jan 21, 2003 Boating Skills and Seamanship	7:00 p.m.– 9:30 p.m. (Tuesdays & Thursdays) 6 Lessons	Flotilla 7-16 Ops Center 3120 Miriam St. So. Gulfport, FL
U. S. Coast Guard Auxiliary Flotilla 74 (813) 685-3130	Jan 27, 2003 Boating Skills	7:00 p.m.– 9:00 p.m. (Mondays & Wednesdays)	Brandon High School 1101 Victoria St Brandon, FL
U. S. Coast Guard Auxiliary Flotilla 38 (954) 327-9199	Jan 28, 2003 Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays & Thursdays) 10 Lessons	Plantation Community Ctr 5555 Palm Tree Rd (NW 5thSt) Plantation, FL
U. S. Coast Guard Auxiliary Flotilla 96 (239) 594-8009	Feb 1, 2003 Navigating with GPS	9:00 p.m.– 11:00 a.m. (Saturday)	Public Education Facility Cocohatchee River Park Naples, FL
U. S. Coast Guard Auxiliary Flotilla 81 (941) 795-6189	Feb 04, 2003 Boating Skills and Seamanship	7:00 p.m.– 9:00 p.m. (Tuesdays & Thursdays) 7 Weeks	CG Aux Bldg, G T Bray Park 5801 33rd Ave Ct W Bradenton, FL
U. S. Coast Guard Auxiliary Flotilla 52 (561) 744-3876	Feb 05, 2003 Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Mondays & Wednesdays) 4 weeks	Jupiter Lighthouse Park Jupiter, FL
U. S. Coast Guard Auxiliary Flotilla 8-6 (941) 488-1900	Feb 13, 2003 Boating Skills and Seamanship	6:30 p.m.– 9:00 p.m. (Mondays & Thursdays) 4 Weeks	1200 Harbor Drive Venice, FL
U. S. Coast Guard Auxiliary Flotilla 8-6 (941) 488-1900	Feb 13, 2003 Sailing Fundamentals	1:00 p.m.– 3:00 p.m. (Thursdays) 7 Weeks	1200 Harbor Drive Venice, FL
U. S. Coast Guard Auxiliary Flotilla 96 (239) 594-8009	Feb 15, 2003 Local Knowledge	9:00 p.m.– 11:00 a.m. (Saturday)	Public Education Facility Cocohatchee River Park Naples, FL
U. S. Coast Guard Auxiliary Flotilla 8-6 (941) 488-1900	Feb 19, 2003 Advanced Coastal Navigation	7:00 p.m.– 9:00 p.m. (Tuesdays & Wednesdays) 10 Weeks	1200 Harbor Drive Venice, FL
U. S. Coast Guard Auxiliary Flotilla 96 (239) 594-8009	Feb 20, 2003 Boating Skills and Seamanship	7:00 p.m.– 9:00 p.m. (Mondays & Thursdays)	Public Education Facility Cocohatchee River Park Naples, FL

Programs are free; there is a nominal fee for text workbooks, etc.

II. DISCREPANCIES-DISCREPANCIES CORRECTED

This section lists all discrepancies to Aids to Navigation reported and corrected since the last published list. A discrepancy is a change in the status of an aid to navigation that differs from what is published and or charted. **Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity. Mariners should proceed with caution.**

FEDERAL AID DISCREPANCIES:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNLM
610	Ponce de Leon Inl LT	LT EXT	11485	032-03 MAY	03/03
645	SE Outer Shl LB 2	LT EXT	11484	027-03 MAY	03/03
650	SE Shl LB 4	LT EXT	11484	028-03 MAY	03/03
2485	Charleston Hbr N Ch Rng A Front LT	LT EXT	11524	021-03 CHA	03/03
4945	Ft Jackson Lower RFL	LT DIM	11512	019-03 CHA	03/03
6865	Cumberland Snd LB 39	LT EXT	11503	035-03 MAY	03/03
15920	Little Shark Riv DBN 64	TRUB	11432	007-03 KEY	03/03
22595	Tampa Bay Cut C Ch LB 2C	LT EXT	11412	095-03 STP	03/03
23220	Hillsborough Cut C Ch LB 17	LT DIM	11416	114-03 STP	03/03
25470.5	Pass-A-Grille Ch B 5	ADRIFT	11412	107-03 STP	03/03
30490.5	Steinhatchee Riv LT 14	LT EXT	11407	102-03 STP	03/03
31720	Puerto Real Shl B 1	LT EXT	25663	044-03 GAN	03/03
34550	Winyah Bay-Charleston Hbr LT 127	TRLB	11523	016-03 CHA	03/03
37810	Cumberland Snd LB 39	LT EXT	11503	035-03 MAY	03/03
41045	Mosquito Lagoon DBN 35	DBN IMCH	11485	031-03 MAY	03/03

FEDERAL AID DISCREPANCIES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNLM
1750	Little Riv Inl DBN 18	REBUILT/REMAINS	11534	322-02 CHA	51/02
1750.5	Little Riv Inl DBN 19	REBUILT/REMAINS	11534	173-02 CHA	31/02
1880	Winyah Bay Rng A Rear LT	WATCHING PROPERLY	11532	010-03 CHA	02/03
1930	Winyah Bay Ch LB 11	WATCHING PROPERLY	11532	013-03 CHA	02/03
2070	Winyah Bay Ch LT 24	WATCHING PROPERLY	11532	017-03 CHA	03/03
2375	Charleston Hbr Ch LB 8	WATCHING PROPERLY	11523	009-03 CHA	02/03
6110	St Simons Snd Ent LB 16	WATCHING PROPERLY	11506	030-03 MAY	03/03
6655	St Marys Ent LB 25	WATCHING PROPERLY	11503	029-03 MAY	03/03
7345	Fulton C/O LB 35	WATCHING PROPERLY	11491	025-03 MAY	02/03
14840	Key West Main Ch LB 7	WATCHING PROPERLY	11447	N/A	03/03
22235	Egmont Ch LBB 2	WATCHING PROPERLY	11412	073-03 STP	02/03
32360	Bahia de Mayaguez RRL	WATCHING PROPERLY	25673	039-03 GAN	03/03
33605	Little Riv-Winyah Bay DBN 2	REBUILT/REMAINS	11534	174-02 CHA	30/02
33650	Little Riv-Winyah Bay DBN 14A	RELOCATED	11534	008-03 CHA	01/03
35880	Elba Is Cut LT 2	WATCHING PROPERLY	11512	018-03 CHA	03/03
36025	Wilmington Riv DBN 33	WATCHING PROPERLY	11512	020-03 CHA	03/03
47195	Hillsboro Riv DBN 68A	WATCHING PROPERLY	11467	031-03 MIA	03/03
61090	Treasure Is DBN 13	WATCHING PROPERLY	11411	083-03 STP	03/03

PRIVATE AID DISCREPANCIES:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNLM
17785	*Wiggins Pass DBN 2	DBN DEST	11427	101-03 STP	03/03

PRIVATE AID DISCREPANCIES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNLM
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None.

III. TEMPORARY CHANGES-AIDS ESTABLISHED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNLM
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None.

TEMPORARY AIDS CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
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None.

IV. CHART CORRECTIONS

(Explanation of Format)

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. The correction listed pertains to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source of correction	Current Notice to Mariners
11534	26th ed.	12/14/91	LAST LNM 41/92	NAD 83	(CDG07)	45/00
	Myrtle Grove Sound to Fear River to Casino Creek					
	Add		*Boguse Channel Light 1, FI G 2.5s, 16 ft, 7M		32-48-00.000N	079-15-00.000W
	Corrective action	(Temp)	Indicates Temporary Correction			Position action
			Object of corrective			

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (TEMP) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (m). (*) Asterisk is used to identify Private Aids.

411	48th ed.	04/28/2001	LAST LNM: 01/03	NAD 83	CGD07/Baselining	03/03
	GULF OF MEXICO					
	RELOCATE	Cape Canaveral LT, FI (2) 20s 137ft 24M		from to	28-27-37.263N	080-32-36.441W
					28-27-37.256N	080-32-36.422W
	RELOCATE	Tybee LT, FI 144ft 19M		from to	32-01-20.071N	080-50-44.382W
					32-01-20.016N	080-50-44.460W
1114A	34th ed.	11/17/2001	LAST LNM: 19/02	NAD 83	(NOS NW-6264)	03/03
	FL-TAMPA BAY TO CAPE SAN BLAS-MINERAL LEASE BLOCK OVERPRINT					
	ADD	minimum size (2 mm) dotted square, blue tint, and label: Obstrn Fish Haven (auth min 3 fms)				
		** overlapping portion supersedes existing Fish Haven **				
		centered at			27-51-52.800N	083-01-49.000W
11400	34th ed.	11/17/2001	LAST LNM: 02/03	NAD 83	(NOS NW-6264)	03/03
	FL -TAMPA BAY TO CAPE SAN BLAS					
	ADD	minimum size (2 mm) dotted square, blue tint, and label: Obstrn Fish Haven (auth min 3 fms)				
		** overlapping portion supersedes existing Fish Haven **				
		centered at			27-51-52.800N	083-01-49.000W
11009	36th ed.	10/20/2001	LAST LNM: 45/02	NAD 83	CGD07/Baselining	03/03
	CAPE HATTERAS TO STRAITS OF FLORIDA					
	RELOCATE	Cape Canaveral LT, FI (2) 20s 137ft 24M		from to	28-27-37.263N	080-32-36.441W
					28-27-37.256N	080-32-36.422W
	RELOCATE	Tybee LT, FI 144ft 19M		from to	32-01-20.071N	080-50-44.382W
					32-01-20.016N	080-50-44.460W

11412	41st ed.	08/01/2001	LAST LNM: 02/03	NAD 83	CGD07	03/03
	FL-TAMPA BAY AND ST JOSEPH SOUND					
	REMOVE RELOCATE	(PA) Tampa Bay Cut E Ch Lower RFL, Q R	and	from to	27-42-45.800N 27-42-45.290N	082-32-20.500W 082-32-20.476W
					(NOS NW-6264)	03/03
	ADD	black dotted line, blue tint, and label: Obstr Fish Haven (auth min depth 17½ ft)				
		** overlapping portion supersedes existing Fish Haven **				
			joining to to to		27-51-49.000N 27-51-49.000N 27-51-34.000N 27-51-34.000N	083-01-56.500W 083-01-41.500W 083-01-41.500W 083-01-56.500W
11416	5th ed.	08/01/2002	LAST LNM: 02/03	NAD 83	CGD07	03/03
	FL-TAMPA BAY					
	REMOVE RELOCATE	(PA) Tampa Bay Cut E Ch Lower RFL, Q R	and	from to	27-42-45.800N 27-42-45.290N	082-32-20.500W 082-32-20.476W
11460	38th ed.	06/01/2002	LAST LNM: 53/02	NAD 83	CGD07/Baselining	03/03
	FL-CAPE CANAVERAL TO KEY WEST					
	RELOCATE	Cape Canaveral LT, FI (2) 20s 137ft 24M		from to	28-27-37.263N 28-27-37.256N	080-32-36.441W 080-32-36.422W
	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-04-10.000N	080-04-37.000W
	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-01-58.000N	080-05-31.000W
11466	35th ed.	06/03/2000	LAST LNM: 51/02	NAD 83	CGD07	03/03
	FL-JUPITER INLET TO FOWEY ROCKS					
	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-04-10.000N	080-04-37.000W
	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-01-58.000N	080-05-31.000W
11467	37th ed.	09/01/2002	LAST LNM: 53/02	NAD 83	CGD07	03/03
	FL- ICW - WEST PALM BEACH TO MIAMI					
	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-04-10.000N	080-04-37.000W
	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-01-58.000N	080-05-31.000W
11469	5th ed.	05/19/2001	LAST LNM: 51/02	NAD 83	CGD07	03/03
	FL-STRAITS OF FLORIDA					
(SIDE A)	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-04-10.000N	080-04-37.000W
(SIDE A)	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-01-58.000N	080-05-31.000W
11470	35th ed.	10/20/2001	LAST LNM: 53/02	NAD83	CGD07	03/03
	FL-FORT LAUDERDALE-PORT EVERGLADES					
	DELETE	Buoy (current meter) Y, spherical, FI Y 4s (Navy)	from		26-04-10.000N	080-04-37.000W
11472	31st ed.	12/01/2002	LAST LNM: 51/02	NAD 83	(NOS Silver Spring, MD)	03/03
	FL -INTRACOASTAL WATERWAY-PALM SHORES TO WEST PALM BEACH					
	NEW EDITION 11XHA11472					
	(New edition due to numerous Notice to Mariner changes)					
11476	19th ed.	05/12/2001	LAST LNM: 46/02	NAD 83	CGD07/Baselining	03/03
	FL-CAPE CANAVERAL TO BETHEL SHOAL					
	RELOCATE	Cape Canaveral LT, FI (2) 20s 137ft 24M		from to	28-27-37.263N 28-27-37.256N	080-32-36.441W 080-32-36.422W

11480	37th ed.	10/21/2000	LAST LNM: 52/02	NAD 83	CGD07/Baselining	03/03
	SC - FL -CHARLESTON LIGHT TO CAPE CANAVERAL					
	RELOCATE	Cape Canaveral LT, FI (2) 20s 137ft 24M		from to	28-27-37.263N 28-27-37.256N	080-32-36.441W 080-32-36.422W
	RELOCATE	Tybee LT, FI 144ft 19M		from to	32-01-20.071N 32-01-20.016N	080-50-44.382W 080-50-44.460W
11481	4th ed.	08/01/2002	LAST LNM: 02/03	NAD 83	CGD07/Baselining	03/03
	FL-APPROACHES TO PORT CANAVERAL					
	RELOCATE	Cape Canaveral LT, FI (2) 20s 137ft 24M		from to	28-27-37.263N 28-27-37.256N	080-32-36.441W 080-32-36.422W
	RELOCATE	Cape Canaveral Danger Zone B D		from to	28-27-36.000N 28-27-37.462N	080-28-06.000W 080-28-08.172W
11484	21st ed.	05/12/2001	LAST LNM: 46/02	NAD 83	CGD07/Baselining	03/03
	FL-PONCE DE LEON INLET TO CAPE CANAVERAL					
	RELOCATE	Cape Canaveral LT, FI (2) 20s 137ft 24M		from to	28-27-37.263N 28-27-37.256N	080-32-36.441W 080-32-36.422W
11489	34th ed.	12/07/2002	LAST LNM: 02/03	NAD 83	(NOS Silver Spring, MD)	03/03
	GA-FL-INTRACOASTAL WATERWAY-ST SIMONS SOUND TO TOLOMATO RIVER					
	NEW EDITION 11XHA11489					
	(New edition due to changes in hydrography)					
					CGD07	52/02
(Temp)	ADD	*Kings Bay Platform LT FI Y 4s (Priv maint) at (Temp/Floating Platform)			30-47-33.100N	081-29-48.000W
					CGD07	02/03
(SIDE A)	RELOCATE	Kings Bay LT 64, FI R 6s 16ft 4NM (TR on pile)		from to	30-48-35.680N 30-48-38.288N	081-31-11.327W 081-31-12.722W
(SIDE B)	RELOCATE	Sherman Cut LB 18, FI R 4s 4NM (Red)		from to	30-23-15.394N 30-23-16.200N	081-26-18.913W 081-26-20.291W
(SIDE B)	RELOCATE	Sherman Cut LB 20, FI R 4s 4NM (Red)		from to	30-23-03.545N 30-23-04.704N	081-26-31.104W 081-26-31.780W
(SIDE B)	RELOCATE	Mile Pt LB 22, FI R 4s 4NM (Red)		from to	30-22-54.014N 30-22-55.101N	081-26-55.174W 081-26-55.901W
11504	15th ed.	04/28/2001	LAST LNM: 02/03	NAD 83	CGD07/Baselining	03/03
	GA-ST ANDREW SOUND AND SATILLA RIVER					
	CHANGE	St Andrews Snd Outer Ent B STA to "RW"		at	30-55-33.388N	081-18-58.167W
11505	1st ed.	09/23/2000	LAST LNM: 01/03	NAD 83	CGD07/Baselining	03/03
	SC-GA SAVANNAH RIVER APPROACH					
	RELOCATE	Tybee LT, FI 144ft 19M		from to	32-01-20.071N 32-01-20.016N	080-50-44.382W 080-50-44.460W
11509	27th ed.	01/12/2002	LAST LNM: 51/02	NAD 83	CGD07/Baselining	03/03
	GA-TYBEE ISLAND TO DOBOY SOUND					
	RELOCATE	Tybee LT, FI 144ft 19M		from to	32-01-20.071N 32-01-20.016N	080-50-44.382W 080-50-44.460W
11512	58th ed.	11/17/2001	LAST LNM: 02/03	NAD 83	CGD07/Baselining	03/03
	GA-SC-SAVANNAH RIVER AND WASSAW SOUND					
	RELOCATE	Tybee LT, FI 144ft 19M		from to	32-01-20.071N 32-01-20.016N	080-50-44.382W 080-50-44.460W

11513	23rd ed.	12/23/2000	LAST LNM: 51/02	NAD 83	CGD07/Baselining	03/03
	SC-GA-ST HELENA SOUND TO SAVANNAH RIVER					
	RELOCATE	Tybee LT, FI 144ft 19M		from to	32-01-20.071N 32-01-20.016N	080-50-44.382W 080-50-44.460W
11524	46th ed.	12/01/2002	LAST LNM: 48/02	NAD 83	(NOS Silver Spring, MD)	03/03
	SC-CHARLESTON HARBOR					
	NEW EDITION 11AHA11524					
	(New edition due to numerous Notice to Mariner changes)					
					(NOS NW-6277)	03/03
	DELETE	magenta line		from to	32-49-06.000N 32-49-02.700N	079-55-39.000W 079-55-46.200W
	ADD	magenta line		from to	32-49-06.000N 32-49-14.600N	079-55-39.000W 079-55-49.300W
					CGD07	47/02
(Temp)	RELOCATE	Cooper Riv Buoy 56A (Red nun)		from to	32-53-17.138N 32-53-23.150N	079-57-50.384W 079-57-48.833W
		(Temp/Relocated for Dredging)				
					CGD07	48/02
	RELOCATE	Winyah Bay-Charleston Hbr B 126 (Red nun with yellow triangle)		from to	32-45-58.286N 32-45-57.726N	079-51-41.098W 079-51-41.347W
	RELOCATE	Cooper Riv LB 49, FI G 4s (Green)		from to	32-50-35.742N 32-50-36.076N	079-55-46.478W 079-55-47.845W
11534	31st ed.	09/29/2001	LAST LNM: 02/03	NAD 83	CGD07	03/03
	NC-SC-ICW-MYRTLE GROVE SOUND AND CAPE FEAR RIVER					
	RELOCATE	Little Riv-Winyah Bay DBN 14A (TR-TY on pile)		from to	33-50-45.102N 33-50-45.112N	078-39-53.502W 078-39-53.288W
	RELOCATE	Murrells Inl B 7 (Green can)		from to	33-31-49.022N 33-31-48.948N	079-02-04.247W 079-02-04.320W
	RELOCATE	Murrells Inl B 9 (Green can)		from to	33-32-06.638N 33-32-08.081N	079-02-03.837W 079-02-04.865W
25653	13th ed.	12/01/2002	LAST LNM: 34/00	NAD 83	(NOS Silver Spring, MD)	03/03
	WI-ISLA DE CULEBRA AND APPROACHES					
	NEW EDITION 25AHA25653					
	(New edition due to various general changes)					

V. ADVANCE NOTICES

FL- ST MARYS ENTRANCE: [Changes to Aids to Navigation](#)

[St Marys Approach Lighted Buoy STM \(LLNR 560/6460\)](#) will be relocated from 30-40-48.557N/081-11-47.674 to approximate position 30-43-00N/081-14-36W.

[St Marys Approach Lighted Buoys 5, 6, 7, 8 and 9 \(LLNR 6495, 6500, 6505, 6510 and 6515\)](#) respectively will be discontinued.

[St Marys Approach Range Front Light and Range Rear Light \(LLNR 6465, 6470\)](#) will be discontinued. The towers supporting the approach range lights will remain.

[St Marys Approach Lighted Buoy 10 \(LLNR 6520\)](#) characteristics will be changed to Flashing Red 4s.

[St Marys Entrance Lighted Buoy 11 \(LLNR 6535\)](#) will be relocated from 30-42-45.958W/081-17-55.513W to approximate position 030-42-42.450N/081-17-32.000W and the characteristics will be changed to Flashing Green 4s.

This change is schedule to be completed the week of 10 February 2003. For more information contact Commanding Officer, CGC MARIA BRAY at (904) 247-7365.

Ref: LNM 53/02, 01/03 and 02/03

Chart: 11503

FL- ST MARYS ENTRANCE: Changes to Aids to Navigation

In conjunction with discontinuing the St Marys Approach Channel the aids to navigation from Lighted Buoy 10 (LLNR 6520) through Kings Bay Light 68 (LLNR 7040) will be renumbered. The work is schedule to start the week of 10 February 2003 and will continue as weather and operation permits. Mariners are urged to play close attention to the Local Broadcast Notice to Marines. For more information contact Commanding Officer, CGC MARIA BRAY at (904) 247-7365.

Ref: LNM 53/02, 01/03 and 02/03

Chart: 11503

FLORIDA - ICW – NEW RIVER SOUND: Changes to Aids to Navigation.

NEW RIVER SOUND SHOAL DAYBEACON (LLNR 47293) will be established in approximate position 26-06-42.000N 080-06-59.750W displaying NW on a pile worded "DANGER SHOAL". The work will be completed during the week of 10 March 2003. For more information contact Commanding Officer CGC HUDSON at (305) 535-4375.

Ref: LNM 53/02, 01/03 and 02/03

Chart: 11470

FLORIDA – CHARLOTTE HARBOR TO TAMPA BAY- CHARLOTTE - HARBOR: Changes in Aids to Navigation.

BOCA GRANDE ENTRANCE RANGE FRONT LIGHT (LLNR 19900) will be discontinued.

Work is scheduled to be completed during the week of 17 February 2003. For more information contact Officer in Charge, Aids to Navigation Team St Petersburg, at (727) 824-7634.

Chart: 11425

VI. NEW PROPOSED CHANGES

None.

VII. GENERAL

A. BRIDGE INFORMATION.

None.

B. MISCELLANEOUS INFORMATION

SC-CHARLESTON HARBOR-WANDO RIVER: Tidal Data Collection.

A barge will be collecting tidal data positioned approximately 500 yards north of the Wando-Welch Terminal until March 22, 2003. The barge will be well lighted and mariners are advised to exercise caution when transiting this area.

Chart 11524

GA-ST SIMONS SOUND-BRUNSWICK HARBOR: Dredging Operations.

The Savannah District, U. S. Army Corps of Engineers has commenced dredging expected to continue through August of 2003, in the Brunswick Harbor, Georgia, Entrance Channel. A submerged pipeline has been installed for dredging operations at coordinates 31° 05' 23.544 N, 81° 19' 04.068 W to Disposal Area Box C, 31° 04' 19.574 N, 81° 18'49.609 W. A lighted single pile structure has also been established at latitude 31-05-10.367N 081-18-52.495W and is expected to remain in place through March 31, 2003. The Dredge *MERIDIAN* is no longer on scene, but has been replaced by the *EAGLE I* which can be contacted twenty four hours a day on VHF Channels 13 and 16. All mariners are advised to exercise caution while transiting the area.

LNM 44 and 46/02(Update); and 02/03 (Update)

Chart 11506

FL-SEBASTIAN INLET TO JUPITER INLET-AMBERSAND BEACH: Dredging Operations.

Great Lakes Dredge & Dock Company is scheduled to commence dredging operations in Indian River County for the renourishment and shore protection of Ambersand Beach on or about January 30, 2003. The hopper dredges *DODGE ISLAND*, *MANHATTAN ISLAND*, and *SUGAR ISLAND* will be digging sand from a borrow area 2.0 nautical miles offshore and 6.5 nautical miles north of Ft. Pierce Inlet and pumping it onto Ambersand Beach from two pump out areas just south of Sebastian Inlet. The *DODGE ISLAND* will start around February 7 with the *MANHATTAN ISLAND* and *SUGAR ISLAND* arriving around the beginning of March. They will be pumping sand through a submerged pipeline running from the beach to floating rubber line approximately 2000 ft. offshore. The *MANHATTAN ISLAND* and *SUGAR ISLAND* we will also be utilizing a jack up barge with a booster pump at the pump ashore locations. Dredging operations are expected to last until mid April of 2003. Mobilization of the submerged pipe and floating hose will begin January 30, 2003. The dredges will be monitoring VHF channels 16 and 13. The specific coordinates for the project locations are as follows:

Borrow Area dredge site: Lat 27°34'20.18" Lon 80°17'52.86"

Beach pump out site A: Lat 27°51'28.87" Lon 80°26'14.40"
Beach pump out site B: Lat 27°49'21.97" Lon 80°25'05.45"

For further information or comment, contact David Allen at (561) 747-7888. All mariners are advised to exercise caution while transiting the area.

Chart 11472

FL-CAPE CANAVERAL: Marine Operations.

The Army Corps of Engineers has deployed an inflatable breakwater approximately five nautical miles offshore approximately one mile north of the Canaveral shipping channel at 28-21.905N 080-29-347W. The breakwater will be in place through January 25, 2003 and is lit with flashing white four-second (FI W 4s) lights. At times, the breakwater will be anchored and the U.S. Navy will conduct tow testing of the breakwater in the general vicinity. The breakwater is v-shaped, each leg being 200 feet in length and orange in color. The submerged portion of the breakwater is 28 feet in diameter and the visible above water portion is three feet in diameter. For further information, contact John Connor of Connor Marine Engineering at (954) 895-4129. All Mariners are advised to use extreme caution while transiting the area.

Ref: LNM 48, 49, 50, 51, 52/02 (Update) and 53/02, 01/03 and 02/03

Chart 11484

FLORIDA-FLORIDA KEYS-SOMBRERO KEY TO SAND KEY: Marine Event.

Yachting Key West Race Week will be held January 19-24, 2003 in the offshore waters of Key West, FL. The race courses are not in conflict with the navigable waters of the Key West Main Ship Channel. The races will occur daily from 8:30 a.m. to 5:30 p.m. EST. Race officials may be reached on VHF channel 16 and 68.

Race Circle Center Points:

(1) Race Circle 1 24-30-00N 81-52.80W	1.5 NM Radius	(2) Race Circle 2 24-30-06N 81-50-18W	1.75 NM Radius
(3) Race Circle 3 24-29-30N 81-46-42W	1.5 NM Radius	(4) Race Circle 4 24-31-18N 81-44-36W	1.5 NM Radius

Ref: LNM 48, 50, 51, 52 and 53/02; and 01/03 and 02/03

Chart 11442

FL-ICW-ST SIMONS SOUND TO TOLOMATO RIVER-CUMBERLAND SOUND: Temporary Floating Platform.

Los Alamos National Lab has established a temporary floating platform marked with a yellow four second light (FI Y 4s) at 30-45-33.100N 081-29-48.000W, approximately 10 yards northwest of CUMBERLAND SOUND LIGHT 52 (LLNR 6995). For additional information or comments, contact Ken Baird at (505) 670-0220. All mariners are advised to exercise caution while transiting the area.

Ref: LNM 52, 53/02 and 01/03 (Updated) and 02/03

Chart 11503

FL-HILLSBORO INLET CHANNEL-DEERFIELD BEACH: Dredging Operations.

Weeks Marine, Inc. of Covington, Louisiana has resumed dredging operations in the entrance of the Hillsboro Inlet Channel through February 3, 2003. A crane barge, towing vessel and divers are operating in the area during the day. The crane barge is spudding down at night and all equipment will have required nighttime lighting. Both the crane barge and towing vessels are monitoring VHF-FM Channels 13 and 16. For additional information or clarification, contact Charles R. Balentine at (985) 875-2525. All mariners are advised to exercise caution while transiting this area.

Ref: LNM 02/03

Chart: 11467

FL-WEST COAST-CHARLOTTE HARBOR TO TAMPA BAY: Shoaling.

Shoaling is reported in the vicinity of Longboat Pass Daybeacon 1 (LLNR 21757) in position 27-27-00N 082-42-00W and is moving south into the channel. Mariners should exercise caution while transiting the area.

Chart 11427

FL-WEST COAST-BIG SARASOTA PASS: Shoaling.

CGC VISE reports shoaling continues in the vicinity of Big Sarasota Pass Channel Entrance from Daybeacon 2 (LLNR 21465) to Daybeacon 7 (LLNR 21495).

Chart 11427

FL-WEST COAST- MATANZAS PASS: Shoaling.

CGC VISE reports shoaling at Matanzas Pass DBN 3 (LLNR 18090) extending to MATANZAS PASS LIGHT 7 (LLNR 18120)

Chart 11427

FL-WEST COAST-Cortez Bay: Shoaling.

CGC VISE reports shoaling continues encroaching into the channel in the vicinity of Siesta Key-Tampa Bay B 39 (LLNR 59345).

Chart 11427

FL-WEST COAST-Boca Ciega Bay: Shoaling.

CGC VISE reports No Wake sign reported destroyed 100 yards south of Pinellas BaywayStructure "C" Bridge is located below the waterline in approximate position 27-42.5N, 82-43.3W.

Chart 11427

VIII. LIGHT LIST CORRECTIONS

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
345 4540	Tybee Light (RANGE REAR) 3,883 yards, 298° from front light. *	32 01 20 N 80 50 44 W *	F W	144		Octagonal, brick tower, upper and lower one third black, center white.	Lighted throughout 24 hours. (03/03)
515 6030	<i>St. Simons Lighted Whistle Buoy STS</i>	31 03 14 N 81 15 09 W *	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: B (-...). (03/03)
525	Brunswick Spoil Area Buoy B	31 00 27 N 81 16 36 W *				Yellow can.	(03/03)
625	Cape Canaveral Light	28 27 37 N 80 32 36 W *	Fl (2) W 20s 0.2s fl 4.8s ec. 0.2s fl 14.8s ec	137	24	White and black bands; conical Iron tower.	(03/03)
930	TRIUMPH REEF LIGHT 2TR	25 28 36 N 80 06 42 W *	Fl R 2.5s	19	5	TR on dolphin.	(03/03)
3220	- LIGHT 107		Fl G 4s	16	4 *	SG on pile.	(03/03)
4540 345	Tybee Light (RANGE REAR) 3,883 yards, 298° from front light. *	32 01 20 N 80 50 44 W *	F W	144		Octagonal, brick tower, upper and lower one third black, center white.	Lighted throughout 24 hours. (03/03)
6030 515	<i>St. Simons Lighted Whistle Buoy STS</i>	31 03 14 N 81 15 09 W *	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: B (-...). (03/03)
10212	- LIGHT 5		Fl G 4s	16	4 *	SG on dolphin.	(03/03)

12575	BAHIA HONDA KEY SHOAL LIGHT	24 41 00 N 81 15 36 W	FI W 2.5s	16	5 *	NW on pile worded DANGER SHOAL.	(03/03)
22600.5	- RANGE FRONT PASSING LIGHT	27 41 55 N 82 32 50 W	Q W	19	5 *	On same structure as Cut C Channel Range Front Light.	Visible all around. * (03/03)
22800	- SOUTH RANGE REAR LIGHT 974 yards, 179.5° from front light.		Iso G 6s FI W 4s	46 46	6 *	KRW on piles.	Visible 2° each side of rangeline. Passing light visible all around. (03/03)
23500	- RANGE FRONT LIGHT	27 53 54 N 82 26 06 W	Q W	16		KRW on dolphin.	Visible 2° each side of rangeline. * (03/03)
23715	- UPPER RANGE REAR LIGHT 1,043 yards, 358.8° from front light.	82 26 06 W	Iso W 6s	45		KRW on skeleton tower on piles.	Visible all around. * (03/03)
23725	- RANGE REAR LIGHT 240 yards 180.5° from front light.		Iso W 6s FI W 4s	58 23	* *	KRW on skeleton structure on piles.	Visible 2° each side of rangeline. Passing light obscured on rangeline, visible elsewhere. (03/03)
30745.5	-RANGE FRONT PASSING LIGHT		Q W	25	5 *	On same structure as Bahia De San Juan Front Range Light.	Visible all around. (03/03)
30750	- RANGE REAR LIGHT 1,335 yards, 187.7° from front light. *	18 27 18 N 66 07 43 W	Oc W 4s	56			Visible 0.5° each side of rangeline. Lighted throughout 24 hours. * (03/03)
37400	- LIGHT 34		FI R 4S	16	4 *	TR-TY on dolphin.	(03/03)

IX. ADDITIONAL ENCLOSURES

None.

J. S. Carmichael
Rear Admiral, U. S. Coast Guard
Commander, Seventh Coast Guard District